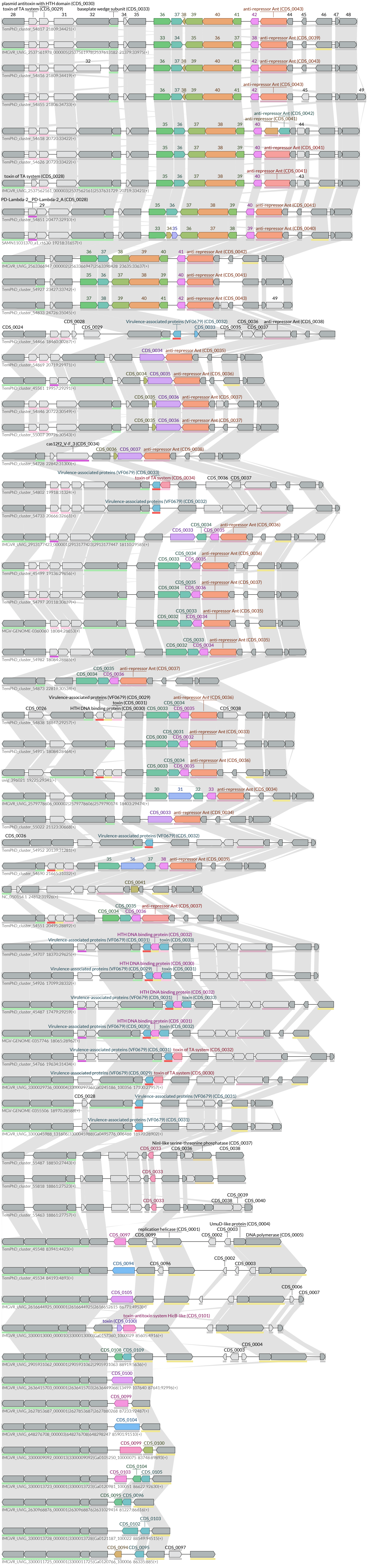
plasmid antitoxin with HTH domain (CDS_0030)
toxin of TA system (CDS_0029)
baseplate wedge subunit (CDS_0033)
anti-repressor Ant (CDS_0043)
TemPhD_cluster_54817 21809:34421(+)
anti-repressor Ant (CDS_0039)
IMGVR_UViG_2537561978_000005|2537561978|2537613182 21379:33975(+)
TemPhD_cluster_54816 21809:34419(+)
TemPhD_cluster_54855 21806:34733(+)
anti-repressor Ant (CDS_0042)
anti-repressor (CDS_0041)
TemPhD_cluster_54618 20720:33422(+)
TemPhD_cluster_54626 20720:33422(+)
toxin of TA system (CDS_0028)
IMGVR_UViG_2537562161_000003|2537562161|2537631729 20719:33421(+)
PD-Lambda-2__PD-Lambda-2_A (CDS_0028)
TemPhD_cluster_54851 20477:32910(+)
SAMN11031370_a1_ct630 19218:31657(+)
IMGVR_UViG_2563366947_000002|2563366947|2563398428 23635:33637(+)
TemPhD_cluster_54927 23427:33742(+)
TemPhD_cluster_54833 24726:35045(+)
CDS_0024
CDS_0028
CDS_0029
Virulence-associated proteins (VF0679) (CDS_0032)
CDS_0033
CDS_0035
CDS_0036
CDS_0037
anti-repressor Ant (CDS_0038)
TemPhD_cluster_54466 18460:30287(+)
CDS_0034
anti-repressor Ant (CDS_0035)
TemPhD_cluster_54869 20719:29971(+)
anti-repressor Ant (CDS_0036)
TemPhD_cluster_45561 19957:29291(+)
TemPhD_cluster_54846 20722:30549(+)
TemPhD_cluster_55007 20726:30543(+)
cas12f2_V-F_3 (CDS_0034)
TemPhD_cluster_54728 22842:31300(+)
Virulence-associated proteins (VF0679) (CDS_0033)
toxin of TA system (CDS_0034)
TemPhD_cluster_54802 19918:31324(+)
TemPhD_cluster_54733 20666:32661(+)
anti-repressor Ant (CDS_0036)
IMGVR_UViG_2913177423_000001|2913177423|2913177447 18110:29585(+)
TemPhD_cluster_45499 19136:29656(+)
anti-repressor Ant (CDS_0037)
TemPhD_cluster_54797 20118:30637(+)
CDS_0032
anti-repressor Ant (CDS_0035)
MGV-GENOME-0360060 18084:28653(+)
TemPhD_cluster_54982 18084:28885(+)
TemPhD_cluster_54873 22819:30534(+)
Virulence-associated proteins (VF0679) (CDS_0029)
toxin (CDS_0031)
HTH DNA binding protein (CDS_0030)
CDS_0026
CDS_0038
TemPhD_cluster_54838 18847:29257(+)
CDS_0031
anti-repressor Ant (CDS_0033)
CDS_0030
TemPhD_cluster_54915 18084:28464(+)
uvig_396021 19225:29341(+)
30
31
32
33
IMGVR_UViG_2579778606_000002|2579778606|2579790174 18403:29474(+)
TemPhD_cluster_55022 21123:30668(+)
TemPhD_cluster_54952 20139:31281(+)
TemPhD_cluster_54690 21665:31032(+)
CDS_0041
NC_050154.1 24812:31926(+)
TemPhD_cluster_54551 20495:28892(+)
HTH DNA binding protein (CDS_0032)
Virulence-associated proteins (VF0679) (CDS_0031)
TemPhD_cluster_54707 18370:29625(+)
HTH DNA binding protein (CDS_0030)
TemPhD_cluster_54926 17099:28332(+)
TemPhD_cluster_45487 17479:29259(+)
HTH DNA binding protein (CDS_0031)
MGV-GENOME-0357746 18065:28962(+)
TemPhD_cluster_54766 19634:31434(+)
IMGVR_UViG_3300029736_000004|3300029736|Ga0245186_100356 17100:27957(+)
MGV-GENOME-0355506 18970:28588(+)
IMGVR_UViG_3300045988_131606|3300045988|Ga0495776_006488 18970:28902(+)
NinI-like serine-threonine phosphatase (CDS_0037)
TemPhD_cluster_55487 18850:27443(+)
TemPhD_cluster_55818 18861:27523(+)
TemPhD_cluster_55463 18861:27757(+)
UmuD-like protein (CDS_0004)
replication helicase (CDS_0001)
DNA polymerase (CDS_0005)
TemPhD_cluster_45548 83941:4423(+)
TemPhD_cluster_45534 84193:4893(+)
IMGVR_UViG_2616644925_000001|2616644925|2616652615 86771:4953(+)
toxin-antitoxin system HicB-like (CDS_0101)
toxin (CDS_0100)
IMGVR_UViG_3300013000_000010|3300013000|Ga0157360_1000029 85605:4916(+)
IMGVR_UViG_2905931062_000001|2905931062|2905931063 88919:5636(+)
IMGVR_UViG_2636415703_000001|2636415703|2636449068|13499-107640 87641:92996(+)
IMGVR_UViG_2627853687_000001|2627853687|2627880268 87233:92487(+)
IMGVR_UViG_648276708_000003|648276708|648298247 85901:91510(+)
IMGVR_UViG_3300009092_000013|3300009092|Ga0105250_10000075 83748:89893(+)
IMGVR_UViG_3300013723_000001|3300013723|Ga0120981_100051 86622:92630(+)
IMGVR_UViG_2630968876_000001|2630968876|2631029414 81227:86616(+)
IMGVR_UViG_3300013728_000001|3300013728|Ga0121187_100022 88549:94515(+)
IMGVR_UViG_3300011725_000001|3300011725|Ga0120766_100006 86335:885(+)
5000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence